Additional file 1. Neuronal chromatin clustering upon stimulation

In hippocampal slice cultures, neuronal chromatin appeared non-clustered under control conditions (a), but became slightly aggregated into dark clusters (arrows) after 30 seconds of NMDA treatment (b), and this clustering progressed with time (c).

Similarly, in dissociated hippocampal cultures, neuronal chromatin appeared non-clustered under control conditions (d), but became clustered upon depolarization (e).